PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY PATENT APPLICATION				tor	501.41215X00			
				107	SASAKURA, TAKAHIRO			
TRANSMITTAL			Title		TOR INTEGRATED			
(Only for new nonprovisional applications under 37 CFR 1.53(b))				MANUFACTURING METHODS AND USAGE THEREOF				
	^	DDI ICATION EL EMENTS	Express N	Express Mail Label No.  Assistant Commissioner for Patents				
APPLICATION ELEMENTS  SEE MPEP chapter 600 concerning utility patent application contents.				ASSISTANC Commissioner for Patents  ADDRESS TO: Box Patent Application Washington, DC 20231				
	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  Applicant claims small entity status				7. CD-ROM or CD-R in duplicate, large table or Computer Program ( <i>Appendix</i> )  8 Nucleotide and/or Amino Acid Sequence Submission  of applicable all processors)			
s M	See 37 CFR 1 27  Specification [Total Pages 21]  (preferred arrangement set forth below)			fif applicable, all necessary)  a				
-Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention				ii ☐ paper  c. ☐ Statements venifying identity of above copies				
-E	3nef Summary	of the Invention		AC	CCOMPANYING AF	PPLICATION PART	'S	
-[ -(	-Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure				gnment Papers (cover CFR 3.73(b) Statement	r	•	
4. Drawing(s) (35 U.S C 113) [Total Pages 10]				(when there is an assignee)				
5. Oath or Declaration [Total Pages]  a Newly executed (original or copy)  b Copy from a prior application (37 CFR 1.63 (d))  (for continuation/divisional with Box 18 completed)  i DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)  Named in the prior application, see 37 CFR  1 63(d)(2) and 1 33(b)				11				
								6. Application Data Sheet See 37 CFR 1 76
				17 Other PTO-1449 FORM, CREDIT CARD PAYMENT FORM, FIGS. 1-12				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) of prior application No:								
For CONTIN Box 5b, is c	onsidered a p	DIVISIONAL APPS only: The entire discloart of the disclosure of the accompanying the relied upon when a portion has been	osure of the ig continual en inadverte	ion or divisional a	pplication and is here	eby incorporated by r		
⊠ Custon	ner Number or	Bar Code Label	020457			ondence address belov	<i>v</i>	
Name ANTONELLI, TERRY, STOUT & KRAUS, LLP								
1 del			<del></del>		******			
Address City			State		Zip			
					Code			
Country Name	Carl I D	rundidge	Telephone	(703) 312-6600 Registration No. (A		(703) 312-6666		
Signature	5				Date	29,621 February 20, 200	)2	

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## FEE TRANSMITTAL for FY 2002

\*\*or number previously paid, if greater, For Reissues, see above.

Complete if Known							
Application Number							
Filing Date	February 20, 2002						
First Named Inventor	SASAKURA, TAKAHIRO						
Examiner Name							
Group Art Unit							

Patent fees are subject to annual revision. TOTAL AMOUNT OF PAYMENT 501.41215X00 (\$) 1356.00 Attorney Docket No. METHOD OF PAYMENT FEE CALCULATION (continued) 1. The Commissioner is hereby authorized to charge indicated 3. ADDITIONAL FEES fees and credit overpayments to: Large Deposit Account Number 01-2135 Entity Entity Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid □ Charge Any Additional Fee Required Under 37 CFR 1 1 6 and 1 17 105 130 205 65 Surcharge - late filing fee or oath ☐ Applicant Claims small entity status Surcharge - late provisional filing fee or 127 50 227 25 See 37 CFR 1.27 cover sheet 2. Payment Enclosed: 139 130 139 130 Non-English specification ☐ Check ☐ Credit Card ☐ Money Order 147 2,520 2,520 For filing a request for ex parte reexamination 147 Requesting publication of SIR prior to 112 920\* **FEE CALCULATION** 112 Examination action **BASIC FILING FEE** 113 1,840\* 113 1,840\*Requesting publication of SIR after Entity Large Small Entity Examiner action Fee Fee Fee Fee Description Fee Paid 115 110 215 55 Extension for reply within first month Code (\$) Code (\$) 101 740 201 370 Utility filing fee 740 00 116 400 216 200 Extension for reply within second month 106 330 206 165 Design filing fee 117 920 217 Extension for reply within third month 107 510 207 Plant filing fee 255 118 1.440 218 720 Extension for reply within fourth month 108 740 208 370 Reissue filing fee 128 1.960 228 980 Extension for reply within fifth month 114 160 214 80 Provisional filing fee 119 320 219 160 Notice of Appeal 120 320 220 Filing a brief in support of an appeal 160 740.00 SUBTOTAL (1) 121 280 221 Request for oral hearing 1. EXTRA CLAIM FEES 138 1,510 Petition to institute a public use proceeding 1,510 138 Fee from 140 110 240 55 Petition to revive - unavoidable Extra Claims below Fee Paid 141 1,280 241 Petition to revive - unintentional Total Claims 18 -20\*\* = 0  $\times 0.00$ = 0.00142 1,280 242 Utility issue fee (or reissue) Indep. Claims 7-3\*\* = 4 x 84.00 = 336.00143 460 243 230 Design issue fee Multiple Dependent 144 620 280.00 = 280.00 244 Plant issue fee 122 130 122 Petitions to the Commissioner Entity Large Small 123 50 123 Processing fee under 37 CFR 1 17(q) Fee Fee Fee Fee Description 126 180 126 180 Submission of Information Disclosure Stmt Code (\$) Code (\$) 103 18 203 Claims in excess of 20 581 40 581 40 Recording each patent assignment per property (times number of properties) 102 202 42 84 Independent claims in excess of 3 146 740 246 For each additional invention to be 370 examined (37 CFR § 1.129(a)) 104 280 204 140 Multiple dependent claim, if not paid 149 740 249 For each additional invention to be 370 109 84 \*\* Reissue independent claims 209 42 examined (37 CFR § 1.129(b)) over original patent 179 740 279 Request for Continued Examination (RCE) 370 169 900 169 110 18 210 900 Request for expedited examination 9 \*\* Reissue claims in excess of 20 of a design application and over original patent SUBTOTAL (2) \$ 616,00 Other fee (specify)

SUBMITTED BY		Complete (if applicable)					
Name (Print/Type)	Carl I. Brundidge	Registration No. (Attorney/Agent)	29,621	Telephone	703-312-6600		
Signature	4			Date	02/20/2002		

\*Reduced by Basic Filing Fee Paid

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